

16367 U.S. PTO
021204

Docket No.: 03-MM-07
(85.66.83376/001)

19270 U.S. PTO
10/777609

021204

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bateman, et al

Serial No. To-Be-Determined

Mail Stop: New Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**UTILITY PATENT (Large Entity)
NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of:

Inventor(s): Robert Harold Bateman, Martin Green and Jeff Brown

For (title): ION DETECTOR

1. Cross Referenced To Related Applications. This application claims priority from United Kingdom Patent Application GB 0303310.7, filed 13 February 2003, GB 0308592.5, filed 14 April 2003 and U.S. Provisional Patent Application 60/447,753, filed 19 February 2003. The contents of these applications are incorporated herein by reference.

CERTIFICATION UNDER 37 C.F.R. 1.10

I hereby certify that this New Application Transmittal and the documents referred to as papers enclosed therein are being deposited with the United States Postal Service on this 12 of February 2004, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL908622062US, addressed to the: Mail Stop: New Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

By: Robert Crivello
Print Name: ROBERT CRIVELLO

2. Papers Enclosed:

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153

67 Pages of specification
18 Pages of claims
1 Abstract sheet
12 Drawing sheets – Fig. 1 – Fig. 14B
98 Total

3. Fee Calculation (37 C.F.R. 1.16) utility application

CLAIMS AS FILED

| Number of Claims | Rate | Basic Fee |
|-------------------|------|----------------------------|
| | | 37 C.F.R. 1.16(a) \$770.00 |
| Total: 103 claims | | |

| | | | |
|--|------------------------|----------|------------|
| Claims (37 CFR 1.16(c)) | $103 - 20 = 83 \times$ | \$ 18.00 | 1494.00 |
| Independent: 12 claims | | | |
| Claims (37 CFR 1.16(b)) | $2 - 3 = 0 \times$ | \$ 86.00 | |
| Multiple dependent claim(s), if any (37 CFR 1.16(d)) | + | \$290.00 | |
| | | | \$ 1494.00 |

Payment of Fees:

| | |
|------------|------------|
| Claim fee | \$ 1494.00 |
| Filing fee | \$ 770.00 |

Total \$2,264.00

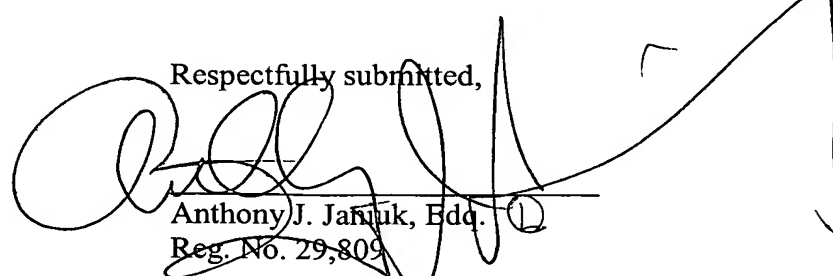
5. Method of Payment of Fees: Please charge account no. 23-0503 in the amount of \$ 2,264.00. In the event, Applicant is mistaken as to the calculation of fees, Applicant authorizes the Commissioner to charge any additional fees to Account No. 23-0503.

A duplicate of this transmittal is attached.

6. Correspondence: Correspondence should be sent to Anthony J. Janiuk, Esq., Waters Corporation, Legal Department, 34 Maple Street, Milford, Massachusetts 01757, USA.

2/12/2004
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Respectfully submitted,


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